

## ABSTRACT OF THE DISCLOSURE

A valve actuating mechanism for a transmission/engine fluid cooler bypass valve of the type in which a responsive element expands to urge a valve member against a valve seat and thereby causes transmission fluid to flow through an oil fluid cooler. A cast valve housing is utilized which is interposed between the cooler and the oil source. The valve actuating mechanism is designed to allow fluid to pass through the valve once the fluid has reached an elevated pressure level.